

OPINION 1290

*LEPTINOTARSA* CHEVROLAT, 1837 (INSECTA, COLEOPTERA);  
CONSERVED

RULING. — (1) Under the plenary powers:

(a) the generic name *Polygramma* Chevrolat, 1837, is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;

(b) all designations of type species for the nominal genus *Leptinotarsa* Chevrolat, 1837, prior to the designation by Motschulsky, 1860, of *Leptinotarsa heydenii* Stål, 1858 as type species of that genus are hereby set aside.

(2) The generic name *Leptinotarsa* Chevrolat, 1837 (gender: feminine), type species, by subsequent designation by Motschulsky, 1860, as ratified under the plenary powers in (1)(b) above, *Leptinotarsa heydenii* Stål, 1858, is hereby placed on the Official List of Generic Names in Zoology with the Name Number 2229.

(3) The specific name *heydenii* Stål, 1858, as published in the binomen *Leptinotarsa heydenii* (specific name of type species of *Leptinotarsa* Chevrolat, 1837) is hereby placed on the Official List of Specific Names in Zoology with the Name Number 2918.

(4) The generic name *Polygramma* Chevrolat, 1837, as suppressed under the plenary powers in (1)(a) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Number 2147.

HISTORY OF THE CASE Z.N.(S.)2048

An application for the conservation of *Leptinotarsa* Chevrolat, 1837 was first received from Dr Richard E. White (*Systematic Entomology Laboratory USDA, c/o U.S. National Museum, Washington D.C.*) and Dr Richard L. Jacques, Jr. (*Fairleigh Dickinson University, Rutherford, New Jersey*) on 7 June 1973. It was sent to the printer on 24 October 1973 and published on 20 September 1974 in *Bull. zool. Nom.* vol. 31, pp. 144–145. Public notice of the possible use of the plenary powers was given in the same part of the *Bulletin* as well as to the statutory serials, to seven general and seven entomological serials. No comment was received.

FIRST VOTE OF THE COMMISSION

On 7 April 1978 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1978)4 for or against the proposals set out in *Bull. zool. Nom.* vol. 31, p. 145. Although at the close of the voting period on 7 July 1978 there were 21 affirmative votes and

no negative votes, no Opinion was published because of a point raised by Dr L. B. Holthuis. He pointed out that the acceptance by the applicants of Chevrolat's citation of '*juncta* Germar' under *Polygramma* as an available name logically entailed also the acceptance of the citations of '*alternata* Klug' under *Polygramma* and of '*cinctipennis* Chev.' under *Leptinotarsa* as available names also. *Chrysomela juncta* Germar, 1834, is a chrysomelid of the same subfamily as *Polygramma*; '*alternata* Klug' must be taken to be *Agra alternata* Klug, 1834, *Jahrb. Insektenk.* vol. 1, p. 60, a ground beetle; and '*cinctipennis* Chev.' as *Altica cinctipennis* Chevrolat, 1834, *Coleopt. Mex.* (3), no. 86, a species placed in a different subfamily from *Leptinotarsa*. In spite of the unlikelihood of coleopterists of the quality of Dejean and Chevrolat making such taxonomic allocations, the acceptance of those logical conclusions radically alters the presentation of the case. V.P.(78)4 was accordingly cancelled.

#### REPUBLICATION OF THE CASE

Dr White accordingly prepared a fresh application which was received on 28 November 1979. A slightly revised form of this was sent to the printer on 23 January 1980 and published on 19 June 1980 in *Bull. zool. Nom.* vol. 37, pp. 119–120. Public notice of the possible use of the plenary powers in the case was again given in the same part of the *Bulletin* as well as to the statutory serials, to seven general serials and seven entomological serials. No comment was received.

#### DECISION OF THE COMMISSION

On 12 March 1984 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1984)15 for or against the proposals set out in *Bull. zool. Nom.* vol. 37, p. 120. At the close of the voting period on 12 June 1984 the state of the voting was as follows:

Affirmative Votes — twenty-three, received in the following order: Melville, Savage, Cocks, Willink, Schuster, Halvorsen, Trjapitzin, Starobogatov, Holthuis, Brinck, Mroczkowski, Binder, Hahn, Corliss, Alvarado, Bayer, Uéno, Cogger, Kraus, Ride, Heppell, Lehtinen, Dupuis

Negative Votes — none (0).

No votes were returned by Bernardi and Sabrosky.

Dupuis commented: 'Je pense, néanmoins, qu'il aurait fallu simultanément prendre des dispositions pour conserver *Leptinotarsa decemlineata* [the scientific name of the Colorado Potato Beetle] au cas où l'on découvrirait que *decemlineata* et *heydenii* ne peuvent demeurer congénères.'

### ORIGINAL REFERENCES

The following are the original references for the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*heydenii*, *Leptinotarsa*, Stål, 1858, *Ofvers. k. Vetenskaps Akad. Förh.* vol. 15, p. 475

*Leptinotarsa* Chevrolat, 1837, in Dejean, *Cat. Coleopt.* vol. 5, p. 397

*Polygramma* Chevrolat, 1837, in Dejean, *Cat. Coleopt.* vol. 5, p. 397.

The following is the original reference to a type-species designation ratified by the ruling given in the present Opinion: of *Leptinotarsa heydenii* Stål, 1858, as type species of *Leptinotarsa* Chevrolat, 1837, by Motschulsky, 1860, in Schrenk, *Reisen Forsch. Amurlände*, vol. 2(2), p. 182.

### CERTIFICATE

I hereby certify that the votes cast on V.P.(84)15 were cast as set out above, that the proposal contained in that voting paper has been duly accepted under the plenary powers, and that the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion 1290.

R. V. MELVILLE

*Secretary*

*International Commission on Zoological Nomenclature*

*London*

*12 July 1984*